

28361 PHM/MS

OCT 04 2001



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 26, 2001

PTAS

BARRY S. NEWBERGER, ESQ.
5400 RENAISSANCE TOWER
1201 ELM STREET
DALLAS, TEXAS 75270



101788311A

DOCKETED
J 10/4/01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/20/2001

REEL/FRAME: 011997/0394

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

THOMSEN, AXEL

DOC DATE: 06/27/2001

ASSIGNEE:

DE ANGEL, EDWIN

DOC DATE: 06/27/2001

ASSIGNEE:

WU, SHERRY

DOC DATE: 06/27/2001

ASSIGNEE:

WANG, LEI

DOC DATE: 02/21/2001

ASSIGNEE:

AMAR, ARYESH

DOC DATE: 02/21/2001

ASSIGNEE:

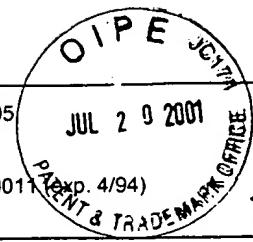
CIRRUS LOGIC, INC.
4210 SOUTH INDUSTRIAL BLVD.
AUSTIN, TEXAS 78744

011997/0394 PAGE 2

SERIAL NUMBER: 09695706
PATENT NUMBER:

FILING DATE: 10/25/2000
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



RECORD

P

07-26-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101788311

To the Honorable Commissioner of Patents and Trademarks.

or copy thereof.

1. Name of conveying party(ies):
 1) THOMSEN, Axel; 2) DE ANGEL, Edwin 3) WU, Sherry;
 4) WANG, Lei; and 5) AMAR, Aryesh

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 1) THOMSEN on June 27, 2001; 2) DE ANGEL on June 27, 2001; 3) WU on June 27, 2001; 4) WANG on February 21, 2001; 5) AMAR on February 21, 2001

2. Name and address of receiving party(ies):

Name: CIRRUS LOGIC, INC.

Internal Address:

Street Address: 4210 South Industrial Blvd.

City: Austin State: Texas ZIP: 78744

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is:

A. Patent Application No.(s) 09/695,706 on October 25,2000

B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Barry S. Newberger, Esq.

Internal Address: 5400 Renaissance Tower

Street Address: 1201 Elm Street

City: Dallas State: Texas ZIP: 75270

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 23 2426 of Winstead Sechrest & Minick L.P.

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Barry S. Newberger, Esq.
Name of Person Signing

Signature

17 Jul 01

Date

Total number of pages comprising cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

07/25/2001 AHMED1 00000143 09695706

40.00

01 FC:581
 AUSTIN_11695451
 07/17/2001 - 2836-P147US



ATTORNEY DOCKET No: #1111-CA:

JOINT INVENTORS TO CORPORATE ENTITY ASSIGNMENT

WHEREAS, the undersigned,

1. Axel Thomsen, resident of 1305 W. 40th Street, Austin, Texas, USA 78756,
County of Travis, State of Texas;
2. Edwin de Angel, resident of 5357 Austral Loop, Austin, Texas, USA 78739
County of Travis, State of Texas;
3. Sherry Wu, resident of 2306 Wickersham Lane, #1601, Austin, Texas, USA 78741
County of Travis, State of Texas;
4. Lei Wang, resident of 16 Burning Tree Lane, Chelmsford, MA, USA 01824,
County of , State of New Hampshire;
5. Aryesh Amar, resident of 6 Autumn Leaf Drive, #12, Nashua, NH 03060,
County of , State of New Hampshire;

have invented certain new and useful improvements in:

**TECHNIQUES FOR SIGNAL MEASUREMENT USING A CONDITIONALLY STABLE
AMPLIFIER**

and have executed a declaration or oath for an application for a United States patent disclosing
and identifying the invention:

X

On the

1. 23rd day of February, 2001
2. 1ST day of March, 2001
3. 23rd day of February, 2001
4. 21ST day of February, 2001
5. 21ST day of February, 2001

respectively; or

X Said application having Application Number 09/695,706 and filed on the 25TH day of
October, 2000.

WHEREAS **CIRRUS LOGIC, INC.** (hereinafter termed "Assignee"), a corporation of Delawar, having a place of business at 4210 S. INDUSTRIAL DRIVE, AUSTIN, TEXAS, USA 78744, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents" applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee on the date of acknowledgment before the Notary Public as given below.

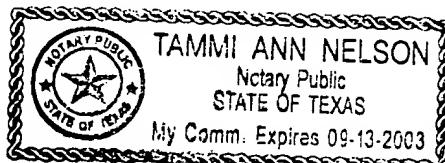
(1) Axel Thomsen
AXEL THOMSEN

(1) State of TEXAS)

County of TRAVIS)

On 6/27/01 before me, Tammi Ann Nelson, personally appeared AXEL THOMSEN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal.



Signature

(2)

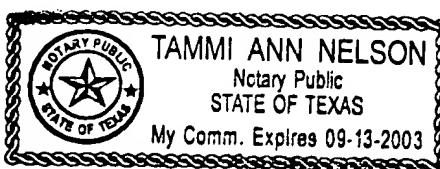
Edwin De Angel
EDWIN DE ANGEL

(2) State of TEXAS)

County of TRAVIS)

On 6/27/01 before me, Tammi Ann Nelson, personally appeared EDWIN DE ANGEL, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature

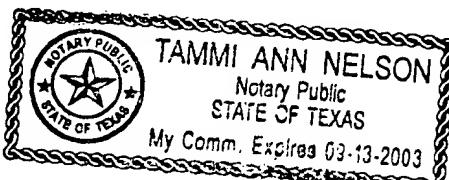
(3)


SHERRY WU

(3) State of TEXAS)
 County of TRAVIS)

On 6/27/01 before me, Tammi Ann Nelson, personally appeared SHERRY WU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



(4)

LEI WANG

(4) State of MASSACHUSETTS)
 County of _____)

On _____ before me, _____, personally appeared LEI WANG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

(5)

ARYESH AMAR

(5) State of NEW HAMPSHIRE)
 County of HILLSBOROUGH)

On _____ before me, _____, personally appeared ARYESH AMAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

ATTORNEY DOCKET No: #1111-CA:

(3) _____
SHERRY WU

(3) State of TEXAS)
County of TRAVIS)

On _____ before me, _____, personally appeared SHERRY WU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. _____
Signature

(4) _____
Lei Wang
LEI WANG

(4) State of MASSACHUSETTS)
County of MIDDLESEX)

On 2/21/2001 before me, CAROL LEE COUNCILMAN, personally appeared LEI WANG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. Carol Lee Councilman _____
Signature **CAROL LEE COUNCILMAN**
NOTARY PUBLIC
My Commission Expires December 11, 2008

(5) _____
ARYESH AMAR

(5) State of NEW HAMPSHIRE)
County of HILLSBOROUGH)

On _____ before me, _____, personally appeared ARYESH AMAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. _____
Signature

(3)

SHERRY WU

(3) State of TEXAS)
 County of TRAVIS)

On _____ before me, _____, personally appeared SHERRY WU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

(4)

LEI WANG

(4) State of MASSACHUSETTS)
 County of _____)

On _____ before me, _____, personally appeared LEI WANG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

(5)

ARYESH AMAR

(5) State of NEW HAMPSHIRE)
 County of HILLSBOROUGH)

On 2/21/01 before me, Rachelle D. Johnson, personally appeared ARYESH AMAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

RACHELLE D. JOHNSON, Notary Public
 My Commission Expires August 20, 2002



D
F

CIRRUS DOCKET NO. 1111-CA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Axel Thomsen et al.

For: TECHNIQUES FOR SIGNAL MEASUREMENT USING A CONDITIONALLY STABLE AMPLIFIER

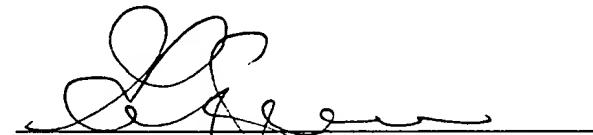
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

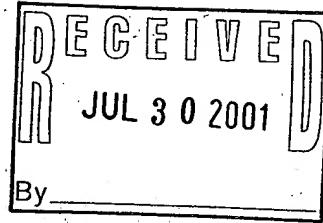
CERTIFICATE OF MAILING

I hereby certify that this correspondence (Recordation Cover Sheet, Assignment, Check for \$40.00, and Acknowledgment Postcard) is being deposited with the United States Postal Service with sufficient postage under 37 C.F.R. §1.8 on the date indicated below and is addressed to:

Assistant Commissioner of Patents
Washington, D.C. 20231


Name Printed or Typed: Gracie Segovia
Date Mailed: July 17, 2001

::ODMA\PCDOCS\AUSTIN_1\169548\
368:2836-P147US



The "Received" stamp of the Patent and Trademark Office imprinted hereon acknowledges the filing of

- | | |
|--|---|
| <input type="checkbox"/> NEW APPLICATION | <input type="checkbox"/> NOTICE OF APPEAL |
| <input type="checkbox"/> DECLARATION/POA | <input type="checkbox"/> ISSUE FEE \$ _____ COPIES _____ |
| <input checked="" type="checkbox"/> ASSIGNMENT/\$ <u>40.00</u> (6 PAGES) | <input type="checkbox"/> PCT RQST/TRANS. LTR. |
| <input type="checkbox"/> INFORMAL/FORMAL DWGS _____ PAGES | <input type="checkbox"/> PCT FEE CALCULATION SHEET |
| <input type="checkbox"/> CONT /CIP/FWC APP'N | <input checked="" type="checkbox"/> CHECK \$ <u>40.00</u> (CCK# <u>019079</u>) |
| <input type="checkbox"/> DIVISIONAL APP'N | <input checked="" type="checkbox"/> OTHER RECORDATION; |
| <input type="checkbox"/> AMENDMENT _____ | <input type="checkbox"/> POSTCARD; CERTIFICATION |
| <input type="checkbox"/> EOT _____ MTHS _____ | <input type="checkbox"/> OF MAILING |

NAME OF INVENTOR(S)/APPLICANT

AXEL THOMSEN ET AL.

TITLE OF INVENTION TECHNIQUES
FOR SIGNAL MEASUREMENT...

CLIENT:

1111-CA

WSM FILE NO.:
2830-P147US

Mailed 07/17/2001

EXPRESS

Due

ATTY/ATT/PRLG
rsenby

SERIAL NO AND RECEIPT DATE

09/695,700



DOCKETED
BR 8/4/01